

What is claimed is:

- Sub
al
1. ~~An apparatus for inputting and displaying data for a refrigerator, comprising:~~
a touchscreen mounted on a front surface of the refrigerator for inputting the data
5 in the form of images that a user has written or drawn;
a memory means for storing the image data written or drawn on the touchscreen;
and
a control means for performing control of displaying the image data stored in the
memory means on the touchscreen or of storing the image data, which are inputted through
10 the touchscreen, into the memory means.
 - ✓ 2. An apparatus for inputting and displaying data for a refrigerator, comprising:
a touchscreen mounted on a front surface of the refrigerator for inputting
information on foods stored in the refrigerator in the form of images;
15 a memory means for storing the image data on the stored foods inputted through
the touchscreen; and
a control means for performing control of displaying the image data on the stored
foods, which are stored in the memory means, on the touchscreen or of storing the image
data on the stored foods, which are inputted through the touchscreen, into the memory
20 means.
 3. The apparatus for inputting and displaying the data for the refrigerator as claimed
in claim 2, wherein the memory means stores the image data on the stored foods into
storage areas which are divided into ones respectively corresponding to a plurality of food
25 storage chambers provided in the refrigerator.
 - ✓ 4. A method for inputting and displaying data for a refrigerator in which a
touchscreen is mounted on a front surface of the refrigerator and data storage areas divided
into ones respectively corresponding to a plurality of food storage chambers in the
30 refrigerator are allocated, comprising the steps of:

09881673.061804

displaying the plurality of the food storage chambers on the touchscreen;
selecting an arbitrary food storage chamber among the food storage chambers
displayed on the touchscreen;
inputting information on foods stored in the refrigerator in the form of image data
5 through the touchscreen; and
storing the image data on the stored foods into the data storage areas
corresponding to the selected food storage chambers.

5. The method for inputting and displaying the data for the refrigerator as claimed in
10 claim 4, wherein when the food storage chambers are displayed in the displaying step, the
image data on the stored foods which are stored in the data storage areas corresponding to
the respective food storage chambers are simultaneously displayed.

6. The method for inputting and displaying the data for the refrigerator as claimed in
15 claim 5, further comprising a step of selecting some image data to be deleted from the
image data on the stored foods displayed on the touchscreen and deleting the selected
image data.

7. A method for inputting and displaying data for a refrigerator with a touchscreen
20 mounted on a front surface thereof, comprising the steps of:
monitoring touch action of a user made on the touchscreen;
when a schedule management function is touched through the touchscreen,
displaying a calendar corresponding to a relevant month on the touchscreen;
when a specific date region of the displayed calendar is touched, providing an
25 input screen for inputting image data on schedules and daily life information at the specific
date into an address allocated for the touched date region;
inputting the image data on the schedules and the daily life information into the
input screen by a user;
30 storing the image data on the schedules and the daily life information written
through the touchscreen into the address allocated for the touched date region; and

09081673.061801

when the present date is consistent with the date corresponding to the image data on the schedules and the daily life information, displaying the image data on a first screen of the relevant date upon display thereof.

5 8. The method for inputting and displaying the data for the refrigerator as claimed in claim 7, wherein schedule input display images are displayed in the date region in which the image data on the schedules and the daily life information is inputted.

9. The method for inputting and displaying the data for the refrigerator as claimed in claim 7, wherein in a case where the inputted schedules are repeated in a predetermined cycle, the method further comprises the steps of:

inputting the repetition cycle;

determining whether a date on which the schedules are due depends on a solar calendar or a lunar calendar;

10 15 calculating the next relevant date based on the repetition cycle and according to one of the solar and lunar calendars;

storing the calculated date into a memory; and

when the present date is consistent with the calculated date, displaying the stored schedules on a main screen of the touchscreen.

20

09081673 061001
T00T90 E29T8860